

EDGILITY

SMART EDGE COMPUTE SUITE

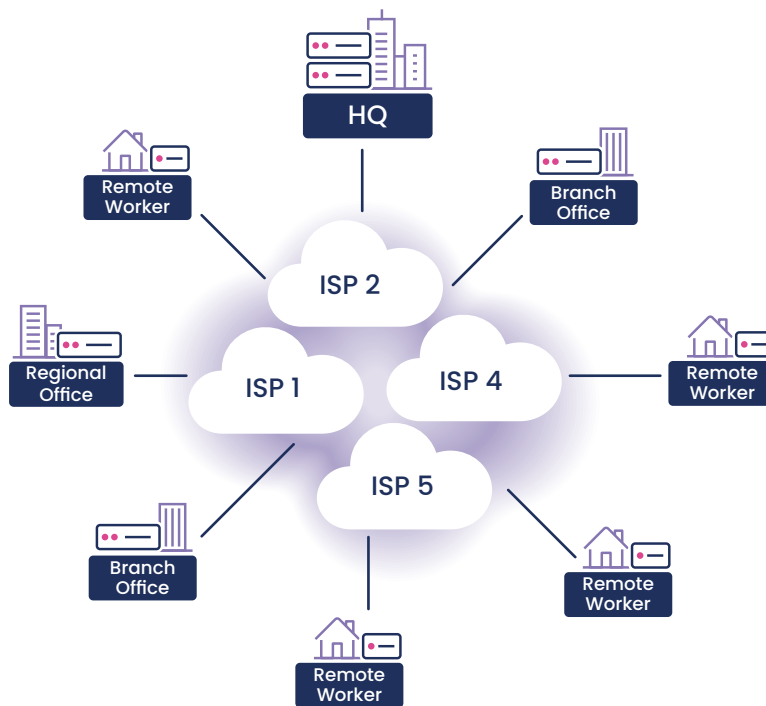
*Bringing Automation to
the Enterprise WAN*

Business Dynamics Dictate Automated and Agile Enterprise WAN Management

As enterprise wide-area networks (WANs) continue to grow, the complexity and cost of managing thousands of edge devices connected to multiple CSPs at geographically distributed sites has increased exponentially.

The traditional model based on local teams working manually is expensive, cumbersome and doesn't scale. There are more efficient ways to manage and control edge devices, as well as adding applications, functions and services on these devices. This includes monitoring the health of hardware, software and services at the edge, as well as remotely identifying and resolving problems.

These challenges highlight the need for an edge compute platform that reduces complexity and improves operational efficiency. This means automation of edge device operation, administration and management (OA&M) to support enterprises' BYOD and BYOApp requirements, secure remote management of edge devices, and centralized edge device monitoring that identifies potential issues before they escalate. Such an approach saves time and money, improves operations and maximizes uptime.



Remote Management of Your Edge Compute Infrastructure

Telco Systems' Edgility is a smart edge compute platform that provides IT teams with a 360-degree toolset for efficiently deploying and managing thousands of edge devices across multiple branch, home and "mobile" offices forming the enterprise WAN.

Edgility simplifies deployment of any service, including secure SD-WAN services, by creating a secure control layer for operation, management, and administration of edge devices and the application software they are running. Edgility addresses enterprises' current and future business needs:

- All-in-one platform makes it fast to deploy, simple to operate and maintain enterprise WANs over time
- Automate deployment and management of edge devices at any location
- Install and activate any application or service on any edge device in minutes
- Secure remote management of edge devices hones your operational efficiency

The Edgility Smart Edge Compute Suite

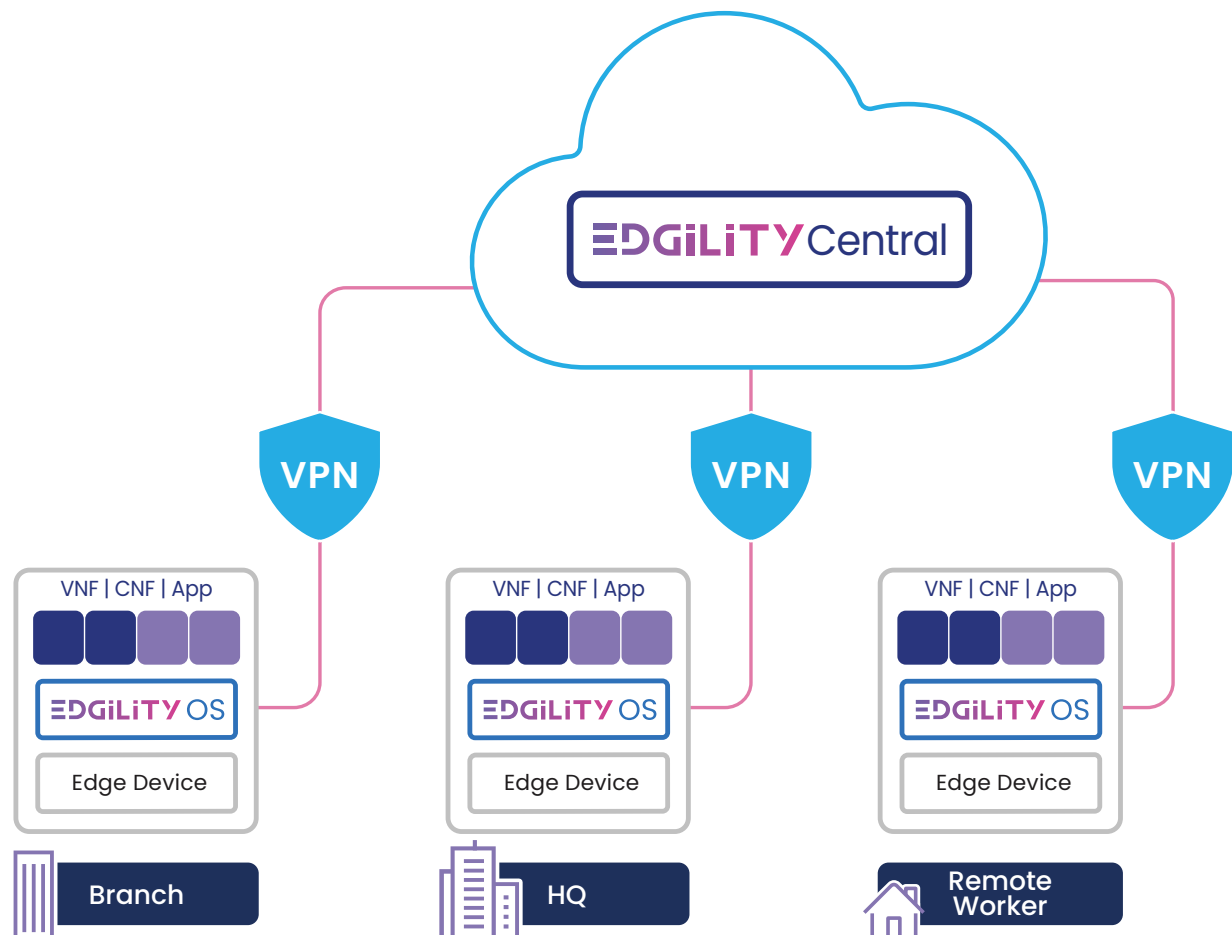
Edgility provides simple and intuitive operation and management of edge devices at scale. This all-in-one edge compute platform comprises two components:

Edgility OS

Edgility OS is a high-performance, small footprint operating system that turns any whitebox into a fully operational edge device. Optimized for maximum resource utilization, Edgility OS delivers high throughput even on low-resource edge compute devices. Edgility OS supports hybrid virtualized and containerized services/ applications from any vendor, allowing you to deploy and run multi-service workloads (service chaining).

Edgility Central

Edgility Central is a powerful, Management and Orchestration (MANO) system that enables enterprises to manage multiple edge devices, applications, network functions, and service policies across multiple sites via a single pane of glass. Using the 'point and click' Graphic Service Designer, users can easily configure connectivity, complex services chains and templates. Edgility Central can run on-prem in your datacenter, and in private or public clouds.



Designed to Increase Your Operational Efficiency

Edgility provides all the "must have" capabilities needed to manage edge devices and the services running on top of them:

Zero Touch Provisioning (ZTP) – Deploy any application and function across thousands of edge devices in minutes, rather than days. Provisioning and service activation are fully automated as soon as you plug the edge device into your network.

Monitoring & Operations – Identify potential faults before they happen by monitoring each edge device and running services. Get a complete view of hardware health, software infrastructure, compute resources, and service chain monitoring including virtual functions and containers.

Remote Management – Reduce truck rolls and increase operational efficiency by performing configuration changes and upgrades remotely via Edgility Central. All services are managed via a secure VPN tunnel, while out-of-band remote management ensures connectivity even when the network is down.

Maintenance & Troubleshooting – Reduce mean time to repair (MTTR) with full real-time visibility into device health and network performance. A wide array of statistics and network test tools enable fast isolation of network problems quickly and minimize disruptions to business productivity.

IT-Friendly Ecosystem – Open, vendor-neutral platform lets you run any software on any device (Intel or Arm).



Meeting the Needs of Enterprises and Managed Service Providers (MSPs)

Use Case: Enterprise WAN Transformation

Ideal for enterprises with multiple branch offices and supporting large numbers of remote workers as needed, Edgility enables your team to cost-effectively deploy, operate, administer, and maintain 1000s of devices across numerous sites. Edgility enables enterprises to seamlessly upgrade to a flexible, automated and resilient WAN architecture.

Customer Spotlight: CEMEX

Cemex, a global construction materials company, deployed Edgility as the virtualized operating and management system for its new enterprise communications network. Edgility enables seamless managed connections between thousands of CEMEX facilities worldwide. Following an extensive vendor evaluation, CEMEX chose Edgility for its advanced automation and intuitive management capabilities – allowing CEMEX to cost-effectively deploy, maintain and integrate best of breed applications from multiple software providers across its enterprise WAN.

Use Case: Enterprise MANO for MSPs

Edgility offers MSPs a unified, multi-tenant platform to deploy and manage complex connectivity-based services such as SD-WAN, firewall and SBC for their enterprise customers. Edgility helps MSPs accelerate service deployment and increase operational efficiency with automated installations, locally sourced hardware, and full remote support via cloud-based network management.

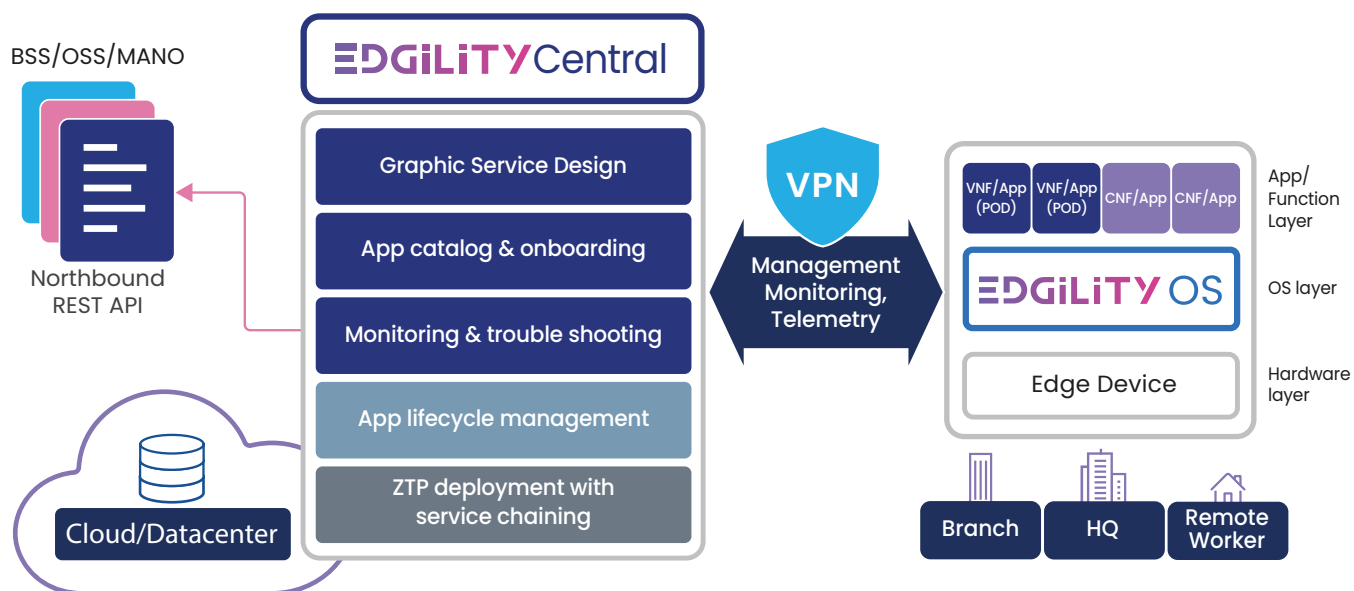
Customer Spotlight: E-Qual

Managed services provider e-Qual manages multiple WANs across the globe, on behalf of its enterprise customers. To meet the growing demand for WAN flexibility and resiliency, e-Qual has deployed the all-in-one Edgility edge compute platform to simplify and streamline the management of enterprise WAN operations.

“We selected Telco Systems’ Edgility for its distinctive superiority over all the alternatives we examined,” said Philippe de LUSSY, CEO of e-Qual.

Edgility – Your Competitive Edge

- Service ready – Out-of-the-box solution including management, orchestration, and onboarding
- Integration – Easy integration with BSS/OSS and 3rd party orchestrators using standard REST APIs
- Any Whitebox – Support ARM and Intel processors, XXS to XXL Whitebox sizes
- BYOD – True HW/SW segregation eliminates long and costly porting process
- BYOApp – Supports virtualized, containerized and cloud-native applications from any vendor
- High Performance – Optimized OS with hardware accelerators delivers high throughput
- Security – Powerful security features include UEFI secure boot, SSL VPN, IPSEC, SSH, two-factor authentication
- Disaster recovery – Backup/restore and High Availability management enable fast service restoration should an edge device fail



Technical Concept

ABOUT TELCO SYSTEMS

Telco Systems is a leading vendor of innovative communications software products, for the new generation of edge computing and enterprise networks. Telco Systems enables global enterprises, communications service providers and system integrators to build and operate sophisticated virtual networks, with powerful edge devices, and endless application schemes. Telco Systems products are successfully deployed at large carriers and enterprises around the world, delivering a resilient, secured, and flexible connectivity between thousands of branches, and the cloud. For more information, visit edgilityOS.com or telco.com.